ED TIME	OTS	-144	9							t of Comme demark Offi		Atty. Docket No. 60390-IA/JPW/GJC	G/ML	Serial N 10/718,2	
	3/											Applicants: Arlino	lo L. Castelhan	o et al.	
4 2008	(עע	INE								JRE CITAT	ION '	Fillog Date	<del></del>	Group	
	Æ		(	(Use	e sev	ver a	ıl sh	eets	if n	ecessary)		November 20, 200	)3	1624	
										U.S. PAT	TENT DOCUME	NTS			
xamine nitial	er		Doci	ımeı	nt N	umbe	:r			Date	Name	Class ·	Subclass	Filing Da	
	1		5	2	9	6	4	8	4	3/22/94	Coghlan et al.		1		
	<u> </u>	2	5	6	4	6	ī	3	0	7/8/97	Shi				
	3	5	5	8	7	7	1	8	0	3/2/99	Linden et al.				
	4		_	8	8	9	0	2	6_	3/30/99	Alanine et al.				
		5		9	3	5_	9	6	4_	8/10/99	Baraldi et al.				
	6	<u> </u>	6	1_	1	7	8	7		9/12/00	Linden				
<u> </u>				4	6	5	4	5	6	10/15/02	Springer et al.	ļ	· · · · · · · · · · · · · · · · · · ·		
	8	_			1	6	8	0	4	7/12/05	Castelhano et al.		<u> </u>	-	
	9		_	2	0	2	2_	5	2_	4/10/07	Wilson et al.	· · · · · · · · · · · · · · · · · · ·		<del>- </del>	
							4	2	7_	11/1/05	Castelhano et al.		<del> </del>	<del>`</del>	
	_	11			02		0	6	7_	12/11/03 6/2/05	Castelhano et al.		<del> </del>	+	• • • • • • • • • • • • • • • • • • • •
		12		05	01	19	2	7	1	6/2/05 4/29/04	Castelhano et al. Castelhano et al.	<del> </del>	<del> </del>		
	_				_			9 3	_	4/29/04 2/24/05	Castelhano et al.	<del></del>	<del>                                     </del>		
				_		1::			1	3/20/08	Castelhano et al.		<del></del>		
	1	13	20	UO	Juu	1/0	13	Р		<u> </u>	<del></del>	L			
			,							FOREIGN I	PATENT DOCU	MENTS	<del></del>	<u></u>	
٠	Document Number   16   9   7   4   7   6   0   17   9   9   6   4   4   0									Date	Country	Class	Subclass	Transl: Yes	ation No
	14   20   05   00   43   3   15   20   08   00   70   9							0	1	12/18/97	PCT		<del>                                     </del>	163	1,1,1
	1	17	9	9	6	4	4	0	7	12/16/99	PCT				
	_		9	_				6	0	2/18/99	PCT				
	$\overline{}$		0	0	_	_		4	1	1/27/00	PCT				
	_ ;	20	20	03	05	3	3	6	1	7/3/03	PCT				
		21	20	03	05	3	3	6	6	7/3/03	PCT				<u> </u>
		22	0	7	2	9	7	5	8	9/4/96	EPO				
		23		2	4	6	6	2	3	8/9/06	EPO				<u> </u>
•				O	тн	ER	DO	CÙ	ME	NTS (Includ	ing Author, Title	, Date, Pertinent	Pages, Etc.)		
	24		Hu								orresponds to WC				
	25										orresponds to EP				
	26		Hu	ngai	rian	Pate	ent l	No. I	HU	P9602016 (c	orresponds to WC	95/19970)			
	27										orresponds to WC				
	28		Hu	nga	rian	Pate	ent l	No. I	HU	P9602017 (c	orresponds to WC	95/19774)			
	29		Αb	ьгас	chic	о М	., e	al.,	(19	97) "Modul	ation of Apoptos	is by Nervous Sys	stem: a Possible	Role for	the
			Rec	ept	οг",	An	n. <u>N</u>	Y. A	\cad	<u>l. Sci.,</u> 825: 1	1-22				
	30											ent in Dopamine I	D2 Receptor-Def	icient Mi	ce by
			Ad	enos	sine	A2	a Re	cept	or A	intagonist" <u>J</u>	Neuroscience 20	(15) : 5848-5852	1 1	- D	
	31										-Subtypę Adenos	ine receptors Mod	Julate Intraocula	r Pressur	e in
	<del> </del>									41-245	(42 3 1 0 4		inidia Dadios	inan Dar	
	32											riazolo [1,5-c]pyr	imidine Derivat	ives: ro	ient į
	33		Do-	old:	VE P	20	1 (	וצטנוי	110 /	tillagunists	J. Med. Chem. 39	n adenosine A3 rec	centor antagonist	s" Tine	21.4
	۲۶		459		г.,	Cl 8	(4	.000	<i>,</i> 1	ew potent ar	ia sciective numa	a auditosiiic A5 ICC	reproviumagomsi	, <u></u> ,	<b></b>
	34				P	et	яl	"Pv	ra70	lo-triazolo-n	vrimidine derivat	tives as adenosine	receptor antage	onists: a	possi
	-74		tem	plat	te fr	, ci orad	ur. Ienn	sine	rec	eptor subtype	es", Curr. Pharm	Design 8: 2299-23	32, 2002		F 5551
	Γ.			r."									. ,		
XAMI	<u> </u>		_	on	Pr	yor/				DATE CONS	IDERED 10/2	20/2008			

Applicants: Arlindo Castelhano et al. Serial No.: 10/718,280 Filed: November 20, 2003

Exhibit A

Form PT	NFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Atty. Docket 60390-1A/JPV		Serial I 10/718,							
												Arlindo L. Castelhan	o et al.	
	IN									TION	Filing Date November 2	0, 2003	Group 1624	
									U.S. PA	TENT DOCUME	NTS			
Examiner Initial		Docu	mer	nt Nu	umbe	er			<u> </u>	1		Subclass	Filing D	
	1	5	2	9	6.	4	8	4	3/22/94	Coghlan et al.				
	2	5	6	4	6	1	3	0	7/8/97	Shi			<b>†</b>	-
	3	5	8	7	7	1	8			Linden et al.				
	+		_		·	-		+						
	+		_	3		_				<del></del>				
	-			1	_		_	-				•		
	<u> </u>				-		_	+			<b> </b>			
						-		_			<del> </del>	<del></del>	<del></del>	
				_				$\overline{}$					<del></del>	
	+				_	_		+		<del></del>				
	+					2	_	i		Castelhano et al.		•	1	
	13			00		5	9	9	<u> </u>	Castelhano et al.				
	14	20	05	00	43	3	3	2	2/24/05	Castelhano et al.				
	15	11	9	0	3	]1	4	7	9/20/07	Castelhano et al.				
									FOREIGN	PATENT DOCU	MENTS			
		Doc	ıı m	ent	Nıı	mh	er		Date	Country	Class	Subclass	Transl	ation
*							•						Yes	No
	16	6 1	7	14	7	16	la	Tı	12/18/97	PCT			1 63	110
					<u> </u>	<b>!</b>	1			1			<b>_</b>	ļ
	+							<u></u>			<del> </del>		+	<del> </del>
	-				-	<del>-</del>		<del> </del> -				<del></del>	<del></del>	<del>                                     </del>
<del></del>	+				-		-	<del>l'</del>			<del> </del>		<del></del>	<del> </del>
					-	-		6						
	_	$\rightarrow$				7					<u> </u>			
	<del> </del>	1	2	4	6	6	2	3	8/9/06		1		T T	
	<b>.</b>			_	r R	DΩ	CU	MEI	NTS (Includ	ing Author Title	Date Perti	nent Pages, Etc.)		
12.	1	Hun										activit ugos, acce,		
2	7	Hun	ıgar	ian	Pate	ent l	No.	ΗU	P9402829 (c	orresponds to WC	93/20078)			
2:	3	Hun	ıgar	ian	Pate	ent l	٧o.	HU	P9602017 (c	orresponds to WC	95/19774)			
2	9										is by Nervou	s System: a Possible	Role for	r the A
												: Da n		1
130	J												icient Mi	ce by
- 1	1												r Pressu	re in t
ľ										-Subtype Adenos	me receptors	Wiodulate Inducesia		
3:	2	Bara	aldi	, P.	.G.	et	al.	(199	6) "Pyrazol			c]pyrimidine Derivat	ives: Po	tent a
3:	3	Bara	aldi	P	et a	1. (2	2000	) "N	lew potent ar	nd selective huma	n adenosine A	3 receptor antagonist	s", Tips.	21: 45
ſ		459												
34	ţ									•		•	onists: a	possit
EXAMINE	R									IDERED				
		- 1/	יטוו	,,,		• •				10/2	0/2000	-		

Form PTO	)-1449			nt of Comme demark Offi		Atty. Docket No. 60390-IA/JPW/GJG		Serial N 10/718,2	
•						Applicants: Arlind	o Castelhano et	al.	1
				URE CITAT	TION	Filing Date	<u> </u>	Group	
	(U	se several sh	ieets if n	ecessary)		November 20, 2003	3	1624	
				U.S. PA1	TENT DOCUME	ENTS			
Examiner Initial	Docum	ent Number		Date	Name	Class	Subclass	Filing Da	
Initial			TT	<del> </del>	<del> </del>		<del>                                     </del>	BI CAPITA	Di sacc
· · · · · · · · · · · · · · · · · · ·		<del></del>	<del></del>	FOREIGN	PATENT DOCU	MENTS		<u> </u>	
	, hann	ment Numbe			Country	T	Cubalass	Transle	-4:an
	Docui	מפחנוא זמפת	er	Date	Country	Class	Subclass	Transla	T
		<del></del>	<del></del>	<del>- </del>	<del> </del>	ļ	<b></b>	Yes	No
					<u></u>	<u> </u>	<del>-</del>	<b>1</b>	<u> </u>
		THER DO	CUME	NTS (Includi	ing Author, Title	e, Date, Pertinent P	ages, Etc.)		
35					A3 adenosine re	ceptor agonists: an	overview." Exp	ert Opi	nion on
26	Thera	peutic Pateni	(5, 9(5)::	515-527	'	r the A1 adenosine		Oni	
36		li, P.G. et a <i>peutic Paten</i> i			ic modulators 10	r the AT adenosing	s receptor. Exp	eri Opi	nion ori
37					ents in the field	of A2A and A3 ader	nosine receptor a	ntagonis	sts" Eur
Γ.		i. Chem. 38(		Alt dovelop		// / No. 1 Wile - 10 Wile -	100	***************************************	
38				screte Distril	outions of Adenc	osine Receptors in	Mammalian Ret	ina", <u>Jo</u>	urnal of
<u>.</u>	Neuro	chemistry, 5	3: 648-6	555					
. 39	Borma	ın, S. (2001)	"A3 Re	ceptors" C&	EN, 79(7), 37				
40	Braas	K.M., et al.,	(1987)	"Endogenous	s adenosine and a	denosine receptors	localized to gang	glion cel	ls of the
I	retina.	', Proceeding	gs of the	National Aca	ademy of Science	, 84: 3906-3910	· C.M. anager	- Ounn	
41						od for the Quantita		.m Quan	itities of
- Laz	Breme	TUHIZING G	16 Franci	pie or Froiti	n-Dye Billuing ,	Anal. Biochem., 72: Idhood", Expert Opi	240 Dharmacother	3(7): 80	09-825
42						ucible expression of			
						cademic Press, New			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
44						ivation increases cy		oncentra	ation via
l	calciu	m influx in A	A6 cells'	", Drug Devel	lopment Research	<u>1,</u> 43 (1): 62			
45	Cheng	y, Y. and P	rusoff,	W. H. (197	3) "Relationship	Between The Inhi	ibition Constant	(Ki) A	nd The
					auses 50 Per Ce	ent Inhibition (I50)	) Of An Enzyn	natic Ke	action"
J.		em. Pharmac			init-and wanst	· · ·umber	1 Management	Cana 1	10. 110
46	Christ 122	ianson, 1. w	/. et ai.,	(1992) "Mun	tifunctional yeasi	high-copy-number	shuttle vectors,	Gene, i	10: 11>
47		ofi F L. et i	al (200)	) "Different	ial Gene Expressi	on of Adenosine A1	A2a A2b. and	A3 Rec	entors i
Γ.					. Comp. Neurol. 4		, 1340, rome,	<i>n.</i>	opro
48		, A. M. et a	i. (1998)	"Role of Ac	lenosine and its R	Receptors in the Vase	odilation Induce	d in the	Cerebra
	Cortex	x of the Rat b	by Syste	mic Hypoxia	" <u>J. Physiol.</u> 509:	507-518			
49						Cyclic AMP Ge		nhibition	n of 5
<u> </u>						in. Pharmacol, 40:43		<del></del>	<del></del>
50						owth and cAMP pro	duction requires	interact	ion with
<del> -</del> -					6805): 747-750	the Antimitogenic I	Effects of Aden	osine in	Cardia
51				1), "A2B Red 1 37: 716-721		me Anumitogenic i	Elleus di Auem	JS111C 111	Caruia
52	Duzic	E. et al, (1)	992) "F	actors Determ	nining the Specifi	icity of Signal Trans	sduction by Gua	nine Nu	cleotide
l					Biol. Chem., 267:				
53	Ezean	nuzie C., et a	ıl. (1999	), British Jou	rnal of Pharmacol	logy, 127: 188-194			
54	Faivre					on by Activated G-l	Protein Subunits	Gαo, G	αil, an
<u></u>					Pharmacol. 60: 36			400	
55		stov, I. and I	Biaggior	1		Receptors", Pharma	icol. Rev. 49(4):	381-402	-
EXAMINER	/Alton F	²ryo̞r/		DATE CONSI	10/20	0/2008			
*EXAMINE	R: Initial if c	tation consider	red, whet	her or not citation	on is in conformance	with MPEP 609: Draw	v line through citatic	on if not in	n

										,	
Form P	TO-14	149		•		ent of Comme ademark Offi		Atty. Docket No. 60390-IA/JPW/G		Serial N 10/718,2	
	]	INFOR	MAT	ION DI	SCLO	SURE CITA	TION	Applicants: Arli	ndo Castelhano	et al.	
		(	Use s	everal s	heets i	f necessary)		Filing Date November 20, 2		Group 1624	
						N.C. DAG	CENT DOCUMEN	<u> </u>	003	11024	
	<del></del>	$\overline{}$				<del></del>	TENT DOCUMEN		<b>.</b>	Ī	
Examine: Initial		Docun	nent N	umber		Date	Name	Class	Subclass	Filing Da	
							<u> </u>		J	<u> </u>	
						FOREIGN	PATENT DOCUM	ENTS			
		Docu	ment	Numbe	r	Date	Country	Class	Subclass	Transl	ation
		İ								Yes	No
		+			ГТ		<del></del>		<del>                                     </del>	1	
			ОТН	FR DO	CHMI	NTS (Includ	ing Author, Title,	Date Pertinent I	Pages, Etc.)		
	56	Feok	tistov	I. et al	(200	2) "Differenti	al Expression of A	denosine Recepto	ors in Human En	dothelia	Cells",
		Circu	lation	Research	ch 90:	531-538					
	57					macology and	therapeutic applic	ations of A3 rec	eptor subtype" (	Curr. To	p. Med.
<u> </u>		Chen	1. 3(4	): 463-9	(1006	· · · · · · · · · · · · · · · · · · ·	degranulation follo	wina adamasina	A3 regenter set	ivation	n rate"
	58	Furo	rd J., nean i	et al., Iournal d	(1990) of Phar	macology, 298	degranulation lollo	wing adenosine	A3 receptor act	ivation	
	59	Franc	o M.	et al., (	1999)	"Adenosine R	egulates Renal Nitr	c Oxide Producti	on in Hypothyro	id Rats"	Journal
		of the	Ame	erican So	ciety	of Nephrology	, 1681-1688				
	60						Y2 Receptors Stim		tivated Protein F	Cinase in	Human
	-	Embi	yonic	Kidney	-293 (	Cells" J. Bio. C	them. (1999) 274(9)	: 5972-5980	-1 Inchamic Don	o-finion	Iminume??
	61			i. J. et s search 39			ine Nucleoside Ad	enosine in Reun	ai ischemia-Rep	errusion	Injury
	62			ccession					•		
	63	GenE	Bank a	ccessio	n num	oers S45235 ar	nd S56143				
	64						n, Migration, and El				ial Cells
	65	Guer	gh A	2B Aden	1008)	"Adenosine A	ulation", Invest. Op 3 receptor activation	n increases cyto	solic calcium inf	lux in A	6 cells"
	03					splantation, 13		m mercases cyto.	one calcium im	iux iii 71	, ,
<del></del>	66	Guo,	Y. et	al., (200	)1) "T	argeted deletion	on of A3 adenosine	receptor confers	resistance to my	ocardial	ischemic
		injur	y and	does no	preve	nt early preco	nditioning." <i>J Mol</i> (	Cell Cardiol, 33:8	25-830		
	67						(lcarboxamido) ade	nosine desensitiz	es the A2b-aden	osine re	ceptor in
ļ	60	lung	circul	ation", /	4m. J.	Physiol. 276(c	5): H1877-H1883 .L. et al., "Ketanser	in Analogs: Struc	ture-Affinity Re	lationshi	ns for 5-
<b>!</b> .	68						Binding", J. Med. Cl			ationsin	ps 101 5-
	69	Hoes	chst	India Lt	d., Inc	lia "Pharmaco	logically active py	rimido "[4,5-b]ii	doles and their	salts."	Database
		acces	sion	No. 106:	84629	HCA XP0021	121648			_	
	70						2a Receptors Mod	lify Motor Funct	ion in MPTP-tre	eated Co	mmon -
	<u> </u>					9: 2857-2860		A20 A-4i-A	V.W. 6002	LIDORA	or with
i	71						e of the Adenosine sts Increases Antipa				
							logy 162: 321-327		ny out not by a		
	72	Kang	, Y. e	t al., (19	990) "	Effects of Exp	ression of Mammal	ian Ga and Hybr	id Mammalian-Y	east Gα	Proteins
							nal Transduction Pa				
	73						inecarboxylic acid	derivs (II) deri	vs. of 3-aminopy	razineca	rboxylic
EXAMIN	VER	jacid"	Cher	n. Abstr	acts 50	0:6/13	DATE CONS	DERED			
l		/Alto						10/20/2	2008		
*EXAM	INER:	Initial if	citatio				on is in conformance w		w line through citati	on if not i	n

Form I	Patent and Trademark  INFORMATION DISCLOSURE CITA (Use several sheets if necessary)  U.S.  Document Number  Date  Document Number  Date  OTHER DOCUMENTS (Inc.  Kiritsy, J.A. et al., (1978) "Sy. Antibacterial 3-Formylrifamycin S. 21(12): 1301-1307  Klumpp, D.A. et al., (1999) "S. Piperidones" J. Org. Chem. 64(18):  Knutsen, L.J.S. et al. (2001) Curr. C.  Kopf, S.R. et al. (1999) "Adenosine A. 80:357-364  Michell, C.H. (1998) "The Structure of S				JPW/GJG/M	1107	ial No. /18,280								
	IN									N	Filing Date	<del></del>		Group 1624	
-									U.S. PATI	ENT DOC	JMENTS				
Examine Initial	r	Docu	ımet	it Nu	ımbo	ег			Date	N	ame	Class	Subclass	Filing D	
								L		<del>-, -,</del> ,					
									FOREIGN P	ATENT DO	CUMEN	TS			
		Doc	um	ent	Nu	mbe	r		Date	Cou	intry	Class	Subclass	Trans	ation
		•												Yes	No
						$\prod$									
	_							_				· ·			ļ
		ll		·		<u> </u>								<u>.l</u>	<u> </u>
	1=1	he													f Com
	74	Ant	ibac	teri	al 3	3-Fo	rmy.	(19 lrifa	mycin SV N	-(4-Substitu	ted pheny	l) piperazino	pacethydrazones	" J. Med	I. Chem
	75	Klu	mpp	), I	),A.	. et	al.,				l-Substitut	ed Piperidir	nes by Supera	id Activ	ation o
	76	Knı	itsei	n, L	J.S	. et a	il. (2	2001	) Curr. Opin.	Invest. Dru	gs 2(5):668	3-673	<del></del>		
	77	Psy	cho	pha	rma	colo	gy l	46:	214-219 .	•	_				
	78	80:3	357-	364	,	•				_					
	79							3) "	The Structure	and Function	on of Ala	ınd A2B Ad	enosine Recepto	ors" Life	Science
	80							Abs	tract (Life Sci.	69(11):122	25-40) Aug	gust 2001			
	81												lume and Activ	ates Cl C	urrent i
	82	Mic Am	hell . J.	l, C. Phy	H. ( siol	(199 l. 276	9) " 5: C	A3 659	adenosine rece -C666	eptors regul	ate C1-cha	nnels of non			
	83	Mir cell	abet	t, M	i. et	t al.,	(19 Cell.	99) Sci	"Expression (	of A2B ade	nosine rec	eptors in hu	man lymphocyt	es: their	role in 1
	84	Mo Res	ntes pon	inos	s. N	И.C.	et	al. (	(2002) "Aden	osine Pron	otes Wou Receptors"	nds Healing American J	s and Mediates ournal of Patho	Angiogo logy 160	enesis i (6):2009
	85	Mül	ller,												rivatives
	86	Mül	ller,	C.F	E. (2	2001	) "A	3 A	denosine Rec	eptor Antag	onists" Mi	ni Reviews i	n Med. Chem. I	(4): 339	
	87	Ant	ago	nist	s fo	r the	Tre	atm	ent of Benign	Prostatic H	yperplasia	", J. <u>Med. Cl</u>			pyridin
	88											A2 aR	eceptors on Re	nal Micro	ovascula
EXAMI	Patent and Trademark O  INFORMATION DISCLOSURE CITAT (Use several sheets if necessary)  U.S. PA  TO Document Number  Date  OTHER DOCUMENTS (Incluent)  Kiritsy, J.A. et al., (1978) "Synthantibacterial 3-Formylrifamycin SV 21(12): 1301-1307  Klumpp, D.A. et al., (1999) "Synthantibacterial 3-Formylrifamycin SV 21(12): 1301-1307  Klumpp, D.A. et al., (1999) "Adenosine Psychopharmacology 146:214-219  Ropf, S.R. et al. (1998) "Adenosine A2a 80:357-364  Pulinden, J. et al., (1998) "The Structuent of Synthantibacterial Synthantic Synthantibacterial Synthanti										CONSIDER	UED 10/20	0/2008		

Form P	Priego, EM. et al., (2002) "G-protein aolf subuni differentiation in digestive and urogenital epithelial ps. Regulation of Downstream Effectors By GPCRs, (1968) Reshkin J., et al., (2000) "Adenosine As Secretion in A6 Cells", J. Membrane Biol., 178: 103 Robinson, "Medical Therapy of Inflammatory Bow 98, 1998  98 Sawynok J., et al., (1997) "Adenosine A3 receptor 98, 1998  98 Sawynok J., et al., (1997) "Adenosine A3 receptor 98, 1998  99 Shiozaki, S. et al. (1999) "Actions of Adenosine Catalepsy and hypokinesia Caused by Reserpine of Simone, Oncology: Introduction Cecil Textbook of 101 Strohmeier, G. R. et al., (1999) "Distribution, Biocherog, Neurobiol, 59(4):355-396  104 Tanaka, H. et al.' "Preparation and formulation of 10 Database accession no. 129:109098 HCA XP00212  105 Taomoto, M. et al., (2000) "Localization of Adenosin Human Intestinal Epithelia", J. Svenningsson, P. et al., (1999) "Distribution, Biocherog, Neurobiol, 59(4):355-396  104 Tanaka, H. et al.' "Preparation and formulation of 10 Database accession no. 129:109098 HCA XP00212  105 Taomoto, M. et al., (1998) "Localization of Adenosin M. et al.' "Preparation and formulation of 10 Database accession no. 129:109098 HCA XP00212  106 Van Niel, M.B. et al., "Fluorianation of 3-(3-(Pipindoles Gives Selective Human 5-Htid Receptor Chem. (1999) 42(12): 2087-2104  107 Varani, K. et al. (1998) "[ <sup>3</sup> H]-SCH 58261 Label Neutrophil Membranes" Br. J. Pharmacol. 123:172:		Atty. Docket No 60390-IA/JPW/C		Serial N 10/718,2								
	17	NFO	RM/	ATIC	)N I	DISC	LOS	URE CITAT	<b>LION</b>	Applicants: Arl	lindo Castelhano	et al.	
			(Us	e sev	eral	l shee	ts if:	necessary)		Filing Date November 20, 2	<u> </u>	Group 1624	
								U.S. PA	TENT DOCUME				
Examiner Initial		Doc	umen	t Num	ıber				Name	Class	Subclass	Filing Da	
							T						
								FOREIGN	PATENT DOCUM	MENTS			
		Do		ent N	lum	ber		T	Country	Class	Subclass	Transla	ation
									•			Yes	No
	-+	+-			Т	$\overline{}$	$\top$	<del> </del>		<del> </del>	<del>- </del>	1	
			 `	THE	D I	سلب عمدا	IMF	NTS (Includ	ing Author, Title.	Date: Pertinent	Pages Etc.)		
	89	Oh										wth: Foc	us on the
		A3	Ade	nosin	ie Ri	ecept	or",	Journal of Cel	llular Physiology, I	186: 19-23			
	90	Isch	hemi	c Inju	ury i	in the	Gert	bi l					
	91	chr	onic	obstr	ructi	ive pu	ılmoı	nary disease",	Eur. Respir. Journ	nal 20,488-496			
	92	Add	enosi	ine Re	ecer	ptor A	Antag	gonists", (200	2) J. Med. Chem., 4	45(16): 3337-334	14		]
	93	Ral	evic,	, V. A	And	Burn	stoc	k, G., (1998)	"Receptors for Pur	ines and Pyrimic	lines", Pharmaco	I. Rev. 50	0(3): 413-
	94	Reg	gnaul									nd neuro	endocrine
	95	Reg	gulati	ion of	f Do	ownst	tream	Effectors By	GPCRs, (1999) F.	ASEB J., Abstrac	cts 147.1-147.6		
	96	Sec	retio	on in A	A6 (	Cells'	", <u>J. 1</u>	Membrane Bi	ol., 178: 103-113				
	97	98,	1998	8					•				
	98	rele	ease (	of his	stam	nine a	nd 5	-hydroxytrypt	amine", European	Journal of Pharm	nacology, 333: 1-	7	
	99	Shi	ozak	ci, S.	et	al. (	1999	) "Actions o	of Adenosine A2a	Receptor Antag	gonist KW-6002	on Dru	g-induced
	100	Sin	none,	, Onc	colog	gy: In	ntrod	uction Cecil T	Textbook of Medici	ine, 20th Edition,	, Vol. I, pp. 1004	-1010, 19	996
	101	Sur	gery	, 88:	155	58-150	69, 2	001					
		Rec	cepto	or Age	onis	sts in	Hum	an Intestinal	Epithelia", J. Bio. (	Chem., 270: 2383	7-2394		
	103	Sve Pro	ennin og. N	ngssor leurob	n, P biol,	o. et a	l. (19 l):35:	999) "Distribu 5-396	ition, Biochemistry	and Function of	f Striatal Adenosi		
	104	Dat	tabas	se acc	essi	ion no	o. 12	9:109098 HC	A XP002121647	•			
	105	Ind	luced	Reti	nop	oathy"	' Inve	estigative Oph	hthalmology & Vis	ual Science 41(1	):230-243		
	106	ind	oles.	Give	es S	Selecti	ive ł	Human 5-Htic					
	107	Var	rani,	К. е	et a	il. (19	998)	"[ <sup>3</sup> H]-SCH 5		f Functional A2	a Adenosine Re	ceptors i	in Human
EXAMIN	IEB .	Nei	utrop	<u>hil M</u>	1em	ibrane	:s" <u>B</u>	r. J. Pharmac	ol. 123:1723-1731 DATE CONS	IDERED			
1		/Alto	on P	ryor/				·	į	10/20/2008			
*EXAM	NER: I	nitial	if cita	tion c	onsi	dered,	whet	her or not citatio	on is in conformance v	vith MPEP 609: Dra	w line through citat	ion if not in	ת

Form P	то-	1449	·		-			t of Comme demark Offi				ocket No. VJPW/G.		Serial I 10/718,	
		INFO	RM	ATI	ON DI	SCI	os	URE CITAT	TION		Applica	nts: Arli	ndo Castelban	o et al.	
			(Us	se se	veral s	heet	s if	necessary)			Filing Da			Group 1624	
								'IIS PA'	TENT DO	CUME					
Examiner		no.			mber			Date	I	Name	Class		Subclass	Filing D	ate
Laitiel			Come	31 140	imbei	<b>,</b> .	,	Date		Name	C			if Appro	
	108 V Si 109 V 110 W 0 111 Y 112 Y		1		l . L								<u> </u>		
								FOREIGN	PATENT	DOCUN	MENTS				
	Т	Do	cum	ent	Numbe	r		Date		Country	Class		Subclass	Transl	ation
									_	,				Yes	No
<b></b>	+	-	T			ī	Т		<del> </del>		+			+	
					ED DO		ME	NTS (Includ	lima Austha	Title	Doto Pe		Pages Ftc.)	<del></del>	<del></del>
	108	- <b>Γ</b> ν	\n I	hitz	D et	al (	199	NTS (Includ	on of Ade	nosine A	3 Recept	tors in Ce	rebral Ischemi	a". Ann. l	VY. Acad
	.00	Sc	i 89	0: 9	3-106										
	109	Vo	n Lu	bitz	, D., et	al., (	(199	9) "Chronic	administra	tion of a	denosine	A3 rece	otor agonist an	d cerebral	ischemia
		ne	urona	al an	d glial	effec	cts",	European Jo	ournal of P	harmaco	logy, 367	1: 157-16	3 	41	d: ?
	110				et al. (				-and 2,7-d	ıımetnyı-	4-substit	uted ami	nopyrrolo[2,3	ajpyrim	dines. J
	111	Ϋ́ε	ın, Lı	uo ei	t al. (20	03)	Exp	ert Opinion o	n Emergir	ng Drugs	, vol. 8, r	10. 2 pp.	537-576		
	_	Yε	o Y.	. et	al., (1	997)	"A	denosine A3	Receptor	Agonist	s Protec	t HL-60	and U-937 Co	ells from	Apoptosi
	·	Inc	duceo	i by	A3 An	lago	nists	", Biochemi	cal And Bi	ophysica	l Resear	ch Comm	unications, 23	2: 317-32	2
	113	Zh	ao Z	., et	al., (20	(00)	"A	role for the A out mice", <u>Bi</u>	N3 Adenos	ine recep	otor in de	terminin	g tissue levels	of CAMP	and bloo
	114	i pr	ernat	e: st	al Searc	h Re	PDOT	t issued in PC	CT Interna	tional Ar	polication	1 No. PC	Γ/US99/12135	filed Jun	e 1, 1999
	115	In	terna	tion	al Searc	h R	epor	t issued in P	CT Interna	ational A	pplicatio	n No. PC	T/US00/32702	2, filed De	cember 1
		20	00											_	
	116	No	ovem	ber	30, 200	1	-						No. PCT/US		
	117	27	. 200	2	•*		٠.	•					T/US2002/380		
	118		terna , 200		al Searc	h R	epoi	t issued in P	CT Intern	ational A	pplicatio	n No. PC	T/US2002/40	890, filed	Decembe
	119		tema , 200		al Searc	h R	epoi	rt issued in P	CT Interna	ational A	pplicatio	n No. PC	T/US2002/41	273, filed	Decembe
	120	PC	T	Inter	nationa /121358		reli	minary Exa	mination	Report	issued	in PCT	Internationa	l Applica	ation No
	121				nationa /32702	i P	reli	minary Exa	mination	Report	issued	in PCT	Internationa	Applica	ation No
	122	PC	CT	Inter	nationa	i P 280.	reli	minary Exa I November	mination 30, 2001	Report	issued	in PCT	Internationa	l Applic	ation No
	123.	PO	77	Inter	nationa	l P	reli	minary Exa November 2	mination	Report	issued	in PCI	Internationa	l Applic	ation No
	124	PC	T	Inter	rnationa	l P	reli	minary Exa December 20	mination	Report	issued	in PCT	Internationa	l Applic	ation No
	125	. PC	TI	nter	nationa	l P	relir	ninary Exar December 20	mination	Report	issued	in PC	Internationa	l Applic	ation No
	126									plication	No. 02	80 5676;	issued 2/7/200	5	
	127	Pa	rtial	Eure	opean S	earc	h Re	eport for EP	Applicatio	n No. 06	01 6543	.8; comp	leted 10/4/2006	5	
	128	Рε	rtial	Eure	opean S	earc	h Re	eport; for EP	Application	on No. 01	99 7029	; comple	ted 12/21/2004	1	<del></del>
EXAMIN	ER	/Alto	n P	ryoi	r/				ln <sub>a</sub>	TE CONS	IDEKED	10/20/2	2008		
		: Initia	if cit	ation	conside							609: Drav	v line through cita	ation if not	n
conforma	ince a	nd not o	consid	ered	. Include	copy	of t	his form with n	ext commun	nication to	applicant				

Form PTO	-1449							nt of Comm ademark Of			PW/GJG/NDP	Serial N 10/718,2	80
	I	NFO						OSURE C		Filing Date	s: Arlindo Cast r 20, 2003	Group	al.
	•							U.S. PA	TENT DOCUMENTS				
Examiner Initial	D	ocun	ient	Nun	ber			Date	Name	Class	Subclass	Filing Da	
/A.P./	1	0 4	9	7	4	5	1	5/27/04	Castelhano et al.		<u> </u>	<u>.L</u>	
								FOREIGN	PATENT DOCUMEN	NTS			
	Ľ	ocu	mei	nt N	lumb	er		Date	Country	Class	Subclass	Transl	ation
	1											Yes	No
			T	T							<u> </u>	1	
		T						1					
						$\perp$		<u></u>			<u> </u>	<u> </u>	
			OT	HE	R DC	CU	ME	NTS (Inclu	ding Author, Title, Da	te, Pertinent l	Pages, Etc.)		
											<del></del>		
											········		
<del></del>													
<del></del>													
	-								<u> </u>				
									<del></del>				
								<del></del>			· · · · · · · · · · · · · · · · · · ·		
EXAMINER	14	Alto	n Pi	ryo	r/			DATE CON	10/20/20	08			
•EXAMINE	R: Initi	al if o	itatio	on co	onside	red,	wheti	ner or not citati his form with n	on is in conformance with N	APEP 609: Draw	line through citation	n if not in	

Applicants: Arlindo L. Castelhano et al. Serial No.: 10/718,280

Filed: November 20, 2003 Exhibit A

Form P	го	-144	9							nt of Comm ademark Of		Atty. Dock 60390-1A/J	et No. PW/GJG/JBC	Serial N	
									•			Applicants	: Arlindo Caste	lhano et	al.
			IN	FO						OSURE CI s if necessar		Filing Date Herewith		Group	
	-					<u> </u>				U.S. PA	TENT DOCUMENTS			.+	
Examiner Initial			Doc	ume	nt Nu	umb	er			Date	Name	Class	Subclass	Filing Da	
Initial /	<u>'</u>		3	ю	3	<del>-</del>	ю	8	О	6/5/62	Hitchings, G.H. et al.;	<del></del>	ļ <u>-</u>	if Appro	riate
WI	-		3	9	<u>-</u>	0	9	ļ.	3	10/7/75	Kim, et al.:	<del></del>	<del> /-</del>		
	4		_	Ĭ	<u> </u>	<u> </u>		ļ	1-				/	<del> </del>	
			5	2	0	8	2	4	0	5/4/93	Peet, et al.;	+	<del>                                     </del>		
	-		5_	4	0	9	9	3	0	4/25/95	Spada, A.P. et al.;	<del></del>	<del> /</del>	<del> </del>	
			5	5	1	6	8	9	4_	5/14/96	Reppen, S.M.;	+	<del>                                     </del>		
			5	5	8	0	8	7	0	12/3/96	Barker, A.J. et al.;	<del> \</del>	<del>                                     </del>	<del> </del>	
!	4		5	6	3_	9	9	11	3_	6/17/97_	Lidor et al.;	<del>                                     </del>	<del>\_/</del>	<del> </del>	
	_	·	5	6	4	6	1	5	6	7/8/97	Jacobson et al.;		<b>\</b> /	ļ	
			5	6	8	11	9	4	1_	10/28/97	Cook, P.D. et al.;		<del>                                     </del>	<del> </del>	
L	_		5_	7_	1	0	1_	5	8	1/20/98	Myers, M.R. et al.;		ΙΛ	ļ	
	$\perp$		5	7	11_	4	2	9	3	2/3/98	Myers, M.R. et al.;		//	<del> </del>	
			5	7	2	<u>lı</u>	2	3	7_	2/24/98	Myers, M.R. et al.;		/		
1			5	7	4	ק	4	9	8	5/5/98	Schnur, R.C. et al.;	1 ,	/ \		
	7		5	7	8	0	4	5	0	7/14/98	Shade, D.L. et al.;	1	\	1	
	7		5	7	8	0	4	8	Ťi	7/14/98	Jacobson et al.;	1		1	
	7		5	8	13	4	6	ō	9	11/10/98	Horne, D.A. et al.;	1 1	1 · · ·	†	
	7		5	8	7	5	2	ħ	8	3/2/99	Herzig et al.;	<del>- /-</del>	<del> </del>	1	
	-		5	8	7	7	2	2	11	3/2/99	Cohen et al.;	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	
			5	8	8	6	1	5	9	3/9/99	Herzig et al.;	<del>- /</del>	<del> </del>	<del>                                     </del>	
	$\dashv$		5	9	유	4	3	4	9	6/22/99	Cohen et al.;	<del></del>	<del> </del>	<del> </del>	
			5	9	6	2	4	5	8	10/5/99	Lohmann et al.;	<del></del>	<del>                                     </del>	<del>                                     </del>	
			-	-	-							+ / -	<del>                                     </del>	<del>                                     </del>	
Λ.α	./		5	9	9	4	4	0	8	11/30/99	Cohen et al.;	+/		+	
AN	<u> </u>		6	11_	0	3	8	9	9	8/15/00	Home, D.A. et al.		L		
	_									1	PATENT DOCUMENT		Υ	<u> </u>	
			Do	cun	nent	Nu	ımbe	er		Date	Country	Class	Subclass	Transl	ation
l										,		ľ		Yes	No
A.	7.	wo	9	3	2	О	0	7	8	10/14/93	PCT;				
M	6	wo	9	4	忊	3	6	7	6	6/23/94	PCT;		<b>\</b>		
WW.	7	wo	9	4	$\dagger$	7	Ь	9	0	8/4/94	PCT;				
	. 1			0	тн	FR	nΩ	CII	MF	NTS (Inclu	ding Author, Title, Date,	Pertinent F	Pages, Etc.)		
			1						142.				<u> </u>		,
			┪								<del> </del>				
	-		┢												
<b></b>	_		⊢												
	_		├								······································				
		<del></del>	Ц.			<del>1</del>				T					
EXAMIN	ER	P	ł	$\mathcal{A}$	~	NV	ر ک	_		DATE CONS	SIDERED 3/3	105			
				( <u>,                                   </u>	<u> </u>	4.	-7-			ــــــــــــــــــــــــــــــــــــــ		101			
•EXAMI	NE	R: Ini	tial	if cit	ation	con	sider	ed, v	vheth	er or not citation	on is in conformance with MPI	EP 609: Draw I	ine through citation	if not in	

conformance and not considered. Include copy of this form with next communication to applicant.

Form P	rO-144	19							t of Comme demark Of		Atty. Doc 60390-IA/	ket No. JPW/GJG/JBC	Page 2 of 6 Serial No. Not Yet Known
									•		Applicant	s: Arlindo Caste	lhano et al.
		IN	FO						OSURE CI s if necessar		Filing Date Herewith		Group
l — —	<u></u>							-	IIS PA	TENT DOCUMENTS			·
Examiner	7	n~	ume	Ni					Date	Name	Class	Subclass	Filing Date
Initial		100	ume	nt 14	umb	Ė1			Date	Haine	CIBSS	20001823	if Appropriate
					П			T					
		1-	1	T	✝	十	┢			<del></del>			<del></del>
						_			FODEICN	PATENT DOCUMEN	TC		·····
2-1	lwo	9	4	li	9 .	В	4	9	9/1/94	PCT;	15	<del>1</del>	T - I
(A)	wo	9	4	12	4	Ħ	3	6	10/27/94	PCT;	-1-1	<del>                                     </del>	<del>                                     </del>
<del>   -</del>		9	5	ī	fi	6	8	Ť	5/4/95	PCT;	<del>                                     </del>	<del>                                     </del>	<del>  </del>
<del></del>		9	5	١	8	6	li -	17	7/13/95	PCT;	<del>-                                     </del>	/	
	wo	9	5	١	9	7	<del>;</del>	4	7/27/95	PCT:	<del>-                                     </del>	<del>                                     </del>	<del>  </del>
		9	5	<del>li</del>	9	9	5	6	7/27/95	PCT:	<del>-   -   -   -   -   -   -   -   -   -  </del>	<del>                                     </del>	<del>                                     </del>
	wo	9	5	2	Ó	5	9	7	8/3/95	PCT;	<del>                                     </del>	<del> /</del>	<del> </del>
	_	9	6	ī	9	4	7	8	6/27/96	PCT;	<del></del>	<del>                                     </del>	<del>                                     </del>
	wo	9	7	0	2	2	6	6	1/23/97	PCT:	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>
	wo	9	7	ŏ	5	fi-	3	8	2/13/97	PCT:	<del>-                                     </del>	<del>                                     </del>	<del> </del>
	wo	9	7	3	3	8	┢	9	9/18/97	PCT;	<del>-    </del>	<del>                                     </del>	<del>                                     </del>
	wo	9	8	0	<del>7</del>	7	2	6	2/26/98	PCT;		\ <del>\</del>	<del>                                     </del>
	wo	<del></del>	8	ō	8	3	8	2	3/5/98	PCT:	· ·	1	<u> </u>
	wo	9	8	2	2	4	6	5	5/28/98	PCT:		1/	
	wo		8	2	9	3	9	7	7/9/98	PCT;		1	
	wo	9	8	5	7	6	5	ti	12/23/98	PCT;		1).	
	wo	<u> </u>	9	0	6	ō	5	3	2/11/99	PCT;		1/\	
	wo	-	9	3	3	8	Ī	5	7/8/99	PCT:	<u> </u>	<del>/ \                                   </del>	<del>  </del>
	wo	-	9	4	2	6	9	3	8/26/99	PCT:		/	
· · ·	wo	_	9	6	2	5	ť	8	12/9/99	PCT:	<del></del>	<del>/ -\</del>	<del>                                     </del>
	wo		١	3	9	7	7	5	6/7/01	PCT (Exhibit 1);	/	1-1-	
<del>-   -</del>	wo	-	0	5	7	2	6	方	7/25/02	PCT;	<del></del>	<del>                                     </del>	<u> </u>
_	wo	-		4	8	Ī.	2	lo	6/12/03	PCT (Exhibit 2);	<del></del>	1	<del>                                     </del>
	EP	0	3	2	2	2	4	2	6/28/89	EPO:	_/_	<del>        </del>	<del>                                     </del>
	EP	0	5	Ī.	4	5	4	6	11/25/92	EPO;	<del>                                      </del>		1
-	EP.	lo	6	8	2	6	2	7	11/15/95	EPO:	1/	1 1	<del>                                     </del>
	EP.	6	7	2	9	7	5	8	9/4/96	EPO:	1/	1	1
m	EP.	6	7	7	3	lo l	2	3	5/14/97	EPO;	-1/	1	11
7		✝	1	Ť	ſ	Ť	Ť	1		· · · · · · · · · · · · · · · · · · ·		1	
				TH	ED	DΩ	CII	MF	NTS (Includ	ling Author, Title, Date	e. Pertinent l	Pages, Etc.)	
<del></del>		Т				<u> = 0</u>			,		-,	-a-:1/	
		T	-							<del></del>			
		1								<del></del>	<del> </del>		
		Т			_								
		1		^									
EXAMINE	ERA	1	~	1	(u	<b>V</b>	-		DATE CONS	SIDERED $3/3/6$	os		
					con	siden				on is in conformance with MI ext communication to applica		line through citation	if not in

			<u> </u>												
Form PI	го-	144	9				-	-		nt of Comme		Atty. Dock 60390-1A/J	cet No. JPW/GJG/JBC	Serial N	No. t Known
												Applicant	s: Arlindo Caste	elhano e	t al.
			INF							LOSURE CI	•	Filing Date Herewith	· · · · · · · · · · · · · · · · · · ·	Group	
					_					U.S. PA	TENT DOCUMENTS				
Examiner Initial	1		Docur	ment	Nu	mbe	<i>-</i>			Date	Name	Class	Subclass	Filing Da	
	7		$\Box$	$\Box$				$\Gamma$	$oldsymbol{\Gamma}$						
	+		H	+	_	<u> </u>	Ŀ	$\vdash$	$\perp$	<b></b>		<del></del>	ļ	↓	
	ㅗ				لــ	Ш	<u> </u>	L	Т_	<u></u>		<u>.l</u>	<u> </u>	<u>.l</u>	
·	一	<u> </u>			_			<del>_</del>		FOREIGN	PATENT DOCUMENT	<u>'S</u>	·	<del></del>	
		!	Docu	ume	nt !	Nur	mbe	:F		Date	Country	Class	Subclass	Transla	T
mil	H	GB	0 9	<del>9</del> ]1	īŢ	5	3	ō	3	1/9/63	Great Britain;	+	<del></del>	Yes	No
10 - 20	<u>'                                    </u>		3 1	1 4	1	5	<u>-</u>	8	7	5/19/93	Germany;	+	<del>                                     </del>	<del> </del>	-
			0 li	1 5		_	_	8		2/22/86	India;	$+ \rightarrow$	$\leftarrow$	+	<del> </del>
120	_		09 2	_			_	-		5/11/999	Japan;			†	
<del></del>					·HY		_				ling Author, Title, Date,	Partinent P	orac Fir)		
<u> </u>	<u> </u>		in N Banl Barr Phar Barr	leuro ker, rett, rmac rett,	ode , G. R., col R.	eger .S. 6 J. (1 l. So .J. e	nera et al 199 oc. 3	ative l., <u>N</u> (6) " 39:	Mode "Rea 61-0 "N-0	Diseases", lem Pharma alizing the P 66; 0861 selections	Ann. NY. Acad. Sci. 89 <u>Ann. NY. Acad. Sci. 89</u> <u>recutics. 3<sup>rd</sup> ed., Marcel</u> Potential of Adenosine-R	90: 79-92; Dekker, Ne Receptor-Ba	ased Therapeuti	page 59 ics" <u>Proc</u>	96; c. West
+	_		Bran rat c Bund	nd A cortic	A., e ical G.I	et al I net L. et	l., (2 uro: t-al.	200 ns'', . (19	)1) " <u>, Ne</u> 995)	uropharmac "Synthesis	A1 and A3 receptors me cology, 40: 85-95; of Novel 2,4-Diaminopy ctivity" J. Med. Chem.	yrrolo-[2,3-d	l]pyrimidines w	·	
-11			Cam	npbe	ell,	R.	М.	et	al.,	, "Selective	A <sub>1</sub> -Adenosine Recep	tor Antago	onists Identified		
-++											nal Assays" Bioorg. & M				
				trall	ly A	Acti					ral Efficacy of a 4-(But easing Factor, Receptor				
	<u> </u>		Cum Acad	nmin dem	ngs nic	s, J. Em	nerg	enc	y M	<u>ledicine (20</u>	the Cardiodepressant E (00), 7(8): 618-624;				
$\dashv$			1998	8), p	рp.	111	1-12	20;			in Medicinal Chemistr				
			Cher	m. (	(19	96)	39:	: 40	)99-	4108;	d Purine Analogs as Mo		<u> </u>		
											ucture-Activity Studies of tem. (1996), 4(6): 923-9		a Al Ligands: R	equirem:	ients fo
$\sqcap$			Feok		love						sine A <sub>2B</sub> receptors: a nov		tic target in asth	nma?", <u>J</u>	CiPS 19
And			Gao,	, E.	. et					sine A1 Re (2001) 38: 3	eceptor Antagonist Pro	olongs Surv	vival in the H	ypoxic	Rat".
EXAMINE	ēR.	A	$\overline{U}$	<u>—</u>	~		<u>N</u>		~		DATE CONSIDERE	· 3/3	3/05-		
EXAMIN	VER	i: Init	tial if (	citatio siden	on c	consi Inch	idere	d, w	heth of th	er or not citation	in is in conformance with MPE ext communication to applicant	:P 609: Draw li	ine through citation	if not in	

Examiner Initial	Docume		veral		Date FOREIGN F		Filing Date Herewith	s: Arlindo Cast	Group  Filing Did Appro	ate
	Docume	(Use se	veral		U.S. PAT Date FOREIGN F	ENT DOCUMENTS	Herewith	<del></del>	Filing D	
	Docum			I	Date FOREIGN F			Subclass		
	Docum			I	Date FOREIGN F			Subclass		
	0	nent Nu	mber	<u> </u>						
	0	ent Nu	mber	1_					1	
	0	ent Nu	mber	<u>.                                    </u>						
	0	nent Nu	mber			PATENT DOCUMEN	VTS			
	0				Date	Country	Class	Subclass	Transl	ation
						,			Yes	No
		世	1 I	_	<del> </del>			<del> </del>	1.6	140
		Щ.		+-				<del> </del>	<del></del>	<del> </del>
					<del></del>			<u> </u>	1	<del></del>
	Hart, 1					ng Author, Title, Dat				
WAS:	7	1. et al.	Orga	nic C	nemistry, A	Short Course, (Hou	gnton Militin	: 1993), p. 121	; :- A	ists and
						ive Aspects of the R	eceptor Bina	ing of Cytokin	ın Agon	isis and
<del>                                      </del>	Incohe	on K A	J. IVLE	1. (10	em., 26: 838	sine A3 receptors: n	ovel ligande	and namedoxica	l effects	" TiPS
	19:184		., Cl a	ι., (τ	776) Adeild	isilie A3 leceptois. Il	over rigarius a	ina paradoxica	CITCE	, <u>114 U</u> ,
			eta	d., (1	997) "Pharm	nacological Characte	erization of N	ovel A3 Aden	osine Re	eceptor-
						scology, 36 (9): 115				
	Jorgen	sen, A.	et al.	(198:	5) "Synthesis	of 7H-Pyrrolo[2,3-c	]pyrimidin-4	-amines" Liebi	gs, Ann.	Chem.
	Pages	142-14	8;		-					
						) "Adenosine recep	itors as poten	tial therapeuti	c targets	s" <u>Drug</u>
	Disco	ery To	day 4	(12):	542-551;					
						of pyrazinecarbox			derivs.	of 3
	amino	pyrazin	ecarbo	oxyli	c acid" (196	I) Yakugaku Zasshi	81: 1650-165	3;		
	Lee T.	, et al., (	1999	) ''Pn	otective effec	ets of renal ischemic ientific Sessions of t	precondition	ng and adenosi	ne pretre	tatment
	p.197;		I A3 II	сері	ors , <u>/2 sc</u>	ientific Sessions of t	ne American i	neart Associati	<u>on,</u> Auai	illa, OA
<del>                                     </del>			2000	) "Pr	ntective effec	ets of renal ischemic	preconditioni	ng and adenosi	ne pretre	eatment
						Physiol. Renal Phy			p. ca	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
<del>                                     </del>						of Bronchial Asthr			or Ago	nists o
•						4(2): 89-100;				
	Mautn	er, H.G	., (190	51)"]	Potential Dec	xyribonucleic Acid (	Cross-linking	Agents. 8,8'-Bis	purines'	', J. Org
		26(6):								<u> </u>
140						2-phenyladenines: S onists" <u>J. Med, Che</u>			ips of Po	otent Al
EXAMINER A	Hon	Vi	10-		DATE CONSI	DERED 3/3/C	5			
*EXAMINER: conformance and				wheth	er or not citation	is in conformance with M		ine through citation	if not in	

Form PTO-1449 U.S. Department of Patent and Trade										Atty. Dock 60390-1A/J	ket No. IPW/GJG/JBC		Serial No. Not Yet Known		
										Applicant	Applicants: Arlindo Castelhano et al.				
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)										Filing Date Group Herewith					
						-		U.S. PAT	TENT DOCUMENTS	histanini					
Examine	$\Box$	The state of		- N	umber		_	Date	Class	Class Subclass Filing Date					
Initial				110 ,	June.			<i>V</i>	Name	C.a.s.	Bublios	if Appro			
			1		T	1	]			7					
	$\neg$		1			1	_	1	†	1	1	1			
							_	FOREIGN I	PATENT DOCUMENT	rs					
		Dr	Document Number Da						Country	Class	Subclass	Transl	ation		
	$\perp$							<u> </u>		· <u> </u>		Yes	No		
			T			1	Γ					T- '			
	ヿ		1			1				1	1	<del>                                     </del>			
				TH	ER DO	CIII	ME	NTS (Includi	ing Author, Title, Date	Pertinent F	Pages Etc.)				
M		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Muller, C.E. et al. (1996) "Chiral Pyrrolo[2,3-d]pyrimidine and Pyrimido[4,5-b]indole Derivative: Structure-Activity Relationships of Potent, Highly Stereoselective A <sub>1</sub> -Adenosine Receptor Antagonists J. Med. Chem., 39: 2482-2491;										gonists''			
			Muller, C. E. and Stein, B. (1996) "Adenosine Receptor Antagonists: Structures and Poten										'otential		
									Pharmaceutical Design						
Muller, C. E.(1997) "A <sub>1</sub> -Adenosine Receptor Antagonists", Exp. Opin. Ther. Patents 7(															
		pr	Muller, C. E., et al., (1997) "Synthesis and Structure-Activity Relationships of 3,7-Dimethyl-propargylxanthine Derivatives, A <sub>2A</sub> -Selective Adenosine Receptor Antagonists", <u>J. Med. Chem.</u> , 44396-4405;												
			Nishiyama, A. et al., "Adenosine A1 Receptor Antagonist KW-3902 Prevents Hypoxia-Induced Ren										d Renal		
	<u> </u>								her. (1999), 291: 988-9		· · · · · · · · · · · · · · · · · · ·				
		38	Nyce, J. W. and Metzger, J.W., (1997) "DNA antisense therapy for asthma in an animal model", Natu 385: 721-725;												
	Pichler, H. et al. "Synthese von 7-unsubstituierten 7H-Pyrrolo[2,3-d] pyrimidinen", (1986) <u>Liebig</u> Chemie., 9: 1485-1505;										igs Ann				
1 (	Seela, F., and Lupke, U., "Mannich-Reaktion am 2-Amino-3,7-dihydropyrrolo [2,3-d] pyrir									pyrimidi	in-4-on,				
<del></del>	<u> </u>		dem Chromophor des Ribonucleosids "Q" (1977) Chem. Ber. 110: 1462-1469;												
<b>  -</b>	<u> </u>		Shan, Daxian et al., J. Pharmaceutical Sci., (1997) 86:765-767;												
1 1			Szkotak, A.J. et al., "Regulation of K* current in human airway epithelial cells by exogenous									ous and			
<del></del>	<b> </b>		autocrine adenosine" Am. J. Physiol. Cell Physiol. (2001), 281: C1991-C2002;												
			Venugopalan, B. et al. (1998) "Synthesis of 6,7-Dimethoxypyrimido[4,5-b]-indoles as Potentia Antihypertensive Agents" J. Heterocyclic Chem., 25: 1633-1639;										'otential		
<del>                                     </del>	<del>                                     </del>								ptor antagonists in fluid		isorders" Expe	rt Opin. I	Investig		
Ι ,								553-1562;	70. E	, 10	100.00.0		10.0		
N. I		w	est,	R.	Α. ε	et a	l. (	(1961) "2-4	Alkyl(aryl)-and 2,7-D	imethyl-4-s	ubstituted An	ninopym	olo[2,3-		
BWI	<del> </del>	d)	pyrir	midi	ines" <u>J</u>	<u>. Ог</u>	<u>g. C</u>	<u> Them., 26: 38</u>	809-3812;						
EXAMIN	/ER	AT		<u> </u>	1			DATE CONSI	DERED 3/1	700	<u> </u>		·		
		$\frac{L(\cdot)}{L(\cdot)}$	187	حط		70	<u>~</u> _	<u> </u>	<u> </u>	(0)					
•EXAM	INEF	:: Initial	if cit	ation	consider	ed, w	heth	er or not citation	n is in conformance with MP	EP 609: Draw 1	ine through citation	ı if not in			

Form PTO-14	49.							nt of Comme demark Off		Atty. Dock 60390-IA/J	et No. PW/GJG/JBC	Serial No. Not Yet Known	
					Applicants: Arlindo Castelhano et al.								
	IN	FOI						OSURE CI s if necessar		Filing Date Herewith		Group	
								U.S. PA	TENT DOCUMENTS				
Examiner	Docs	umei	nt Nu	ımbe	.r			Date	Name	Class	Subclass	Filing Da	
Initial	20 02			hē	h 19 h			3/7/02	Castelhano et al.			if Appro	priate
BWI					L	8	2		(Exhibit 3, claims only);	1		<u> </u>	
	L		00		L	6	7	5/16/02	Castelhano et al. (Exhibit 4, claims only);			ļ	
			00	L	L	4		2/20/03	Castelhano et al. (Exhibit 5, claims only);	<u> </u>			
	20	02	00	94	9	7	4	4/17/03	Castelhano et al. (Exhibit 6, claims only);				
	20	03	00	73	7	0	8	4/17/03	Castelhano et al. (Exhibit 7, claims only);				
	09	4	5	4	0	7	4	12/2/99	Castelhano et al. (Exhibit 8, claims only);				
	09	4	5	4	0	7	5	12/2/99	Castelhano et al. (Exhibit 9, claims only);				
	10		ī	0	0	9	2	11/30/01	Castelhano et al.;				
Bul	20	03	00	45	5	3	6	3/6/03	Castelhano et al. (Exhibit 10, claims only);	1.			
		•	•					FOREIGN	PATENT DOCUMENTS	5			
	Document Number							Date	Country	Class	Subclass Translation		
-	4	,	T-	Ţ	<del></del>	·	т-	<del> </del>				Yes	No
	_	<u> </u>	<b> </b> _	↓_	L	↓_	↓_			<u> </u>	<u> </u>	<del>                                     </del>	
<u> </u>	-	⊢	╂─	┼	╁	╁╌	+	<del> </del>		<del> </del>	<del>  </del>	<del> </del>	
	+	╁	╁╴	╁╌	+	+	+	-		<u> </u>	<del>                                     </del>		
		0	тн	ER	DO	CU	ME	NTS (Includ	ling Author, Title, Date, I	Pertinent F	ages, Etc.)		
Auf	Wi	llia	ms,	E. 1	F. e	t al.	, "N	ucleoside tr	ansport sites in a cultured	human re	tinal cell line es	tablished	by SV
Bul	40	T a	ntig	en	gen	ıe".	(19	94) Current	Eye Research, 13: 109-1	18;			
1 1	Wo	olff,	Ma	anfr	ed :	E., ]	Bur	ger's Medic	inal Chemistry and Drug	Discover	y, 5 <sup>n</sup> ed., Volu	me I: Pr	inciple
<del></del>	and Practice, John Wiley & Sons, 1995, pages 975-977;												Olera in
	Woods, C. L. and Blazynski, C. (1991) "Characterization of Adenosine A <sub>1</sub> -receptor Binding Sites i										21162 II		
<del>- \                                   </del>	Bovine Retinal Membranes", Experimental Eye Research, 53: 325-331; and Zhao, Z. et al., "Bioactivation of 6,7-Dimethyl-2,4-di-1-pyrrolidinyl-7H-pyrrolo[2,3-d]pyrimidine									line (II			
anl	Zhao, Z. et al., "Bioactivation of 6,7-Dimethyl-2,4-di-1-pyrrolidinyl-7H-pyrrolo[2,3-d]pyrimidine (89843) to Reactive Intermediates that Bind Covalently to Macromolecules and Produce Genotoxici Chem. Res. Toxicol., (1996) 9: 1230-1239.										oxicity'		
<u> </u>	===								·				
	十					•					· ·		
									·····				
EXAMINER	to~	1	<u> </u>	۸:/			-	DATE CONS	SIDERED 3/3/09	)			
AEVAMINED.	Initial i	if cit	uion	CON	sider	red. v	vheth	er or not citatio	on is in conformance with MPEI	2 609: Draw	ine through citation	if not in	